

## STATUS OF CLAIMS

Note: Any previous claim changes by amendments that were not entered by the examiner are not presented here.

- 5 1. Withdrawn
2. (Re-presented and amended) ~~The ullage meter of Claim 1~~ method of Claim 8 in which the coating is painted on said container.
3. (Re-presented and amended) ~~The ullage meter of Claim 1~~ method of Claim 8 in which the coating is a film applied to the surface of said container.
- 10 4. (currently amended) ~~The ullage meter of Claim 1~~ The method of Claim 8 in which said distinct areas are organized in groups, each group corresponding to a pre-determined final temperature for the tank.
- E3. 5. (currently amended) ~~The ullage meter of Claim 1~~ The method of Claim 8 in which ~~the indicating numbers are percentages~~ indications represent the amount of the gas that would be available compared to that of a filled, cooled equilibrated tank at the same pressure.
- 15 6. (currently amended) ~~The ullage meter of Claim 1~~ The method of Claim 8 in which the indicating numbers are units of pressure to which a warm, filled tank will ~~drop~~ change upon cooling equilibrating to a particular temperature.
7. Withdrawn
- 20 8. (new) A method of gas tank ullage determination using temperature sensitive pigments, comprising,
- 25 said temperature-sensitive pigments within color changing coatings applied to the outer surface of the wall of a gas storage tank, said coatings when changing color allowing indications imprinted within said coatings to be read, said indications defining for a given future temperature the change in pressure of gas stored within the tank as determined by design calculations using the physical principles of the common gas laws.
9. (new) The method of Claim 8 in which said coatings are formed in distinct areas, each area sensitive to a particular color-changing temperature while said particular temperature prevails, each area having a number imprinted within it, said number being made visible by said color-changing.